Remarks

Claims 1 and 4-23 are pending and stand rejected. In view of the following remarks the Applicant respectfully requests the Examiner's thoughtful reconsideration and attention to the use of the term "only" in each of the independent claims.

CLAIM REJECTIONS – 35 USC § 102

Claims 1, 4, 7-8, 10-15, and 17 were rejected under 35 U.S.C. §102(e) as being anticipated by USPN 6,903,832 issued to Maekawa.

Claim 1 is directed to a method of providing a print status and recites the following:

(a) receiving a set of executable instructions from a printer, the instructions executable by the computer to cause the computer to display a print status page based upon dynamic input received from the printer printing a print job received from the computer; and

(b) executing the instructions so as to generate the print status page.

Asserting that Maekawa teaches the act of receiving listed above, the Examiner makes the following statement:

> Maekawa et al discloses (Figures 4-9 and column 5, line 62 - column 10, line 44; particularly column 5, line 64 - column 6, line 6; column 7, lines 12-16; and column 9, line 49-59) an arrangement in which a computer sends instructions to a printer which are executed by the printer to carry out print jobs (in which the printer generates a hard copy representation of data representing an image), and the printer sends instructions (a status indication signal) which are executed by the computer to generate the display of a print status page that reflects this status indication signal.

In this passage cited by the Examiner, Maekawa discusses a printer controller (103) of a printer (102). The Printer controller (103) includes a host interface (302) that serves as a signal input/output unit for communicating with an external device

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(101) such as a host computer. Maekawa, col. 5, line 64 through col. 6, line 6. Maekawa mentions that an unrepresented utility software application is present on the external device (101). Upon receiving a status signal from the host interface (302) of the printer controller (103), that software application executes a responsive operation on the display of the external device (101) with regard to that status. Maekawa, col. 7, lines 12-15 and col. 10,lines 57-59.

To reiterate, Maekawa teaches a utility application previously installed on a host computer that receives a signal indicative of a printer's status from that printer. In response to that signal, the host computer executes previously installed instructions that comprise the utility application in order to create some form of display by the external device. Plainly, Maekawa's external device (101) does NOT execute the status signal it receives. Instead, Maekawa's external device executes the instructions that form the utility application in response to receiving the status signal to display a status indicated by that signal. Maekawa's status signal is not an executable instruction. Furthermore, the instructions that form Maekawa's utility application are NOT sent from the printer (102) to the external device (101)

Consequently, Maekawa does not teach or suggest a method that includes receiving a set of executable instructions from a printer, the instructions executable by the computer to cause the computer to display a print status page based upon dynamic input received from the printer printing a print job received from the computer. For at least this reason, Claim 1 is patentable over Maekawa as are Claims 4-6 due at least in part to their dependence from Claim 1.

Claim 7 is directed to, in a client server system that includes a server connected to a client, a method that includes the following:

(a)   transmitting, by the server, a set of executable instructions to a client, where the set of executable instructions is an agent of a particular printer;

(b)   receiving, by the client, the set of instructions;

(c)   executing, by the client, the set of instructions to:

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1) generate a print job;

2) transmit the print job to the printer;

3) display a print status page as the printer prints the print job, where the print status page describes a present status of the print job while the printer prints the print job.

The Examiner provided the same explanation for Rejecting Claim 7 as he provided for Claim 1. As with Claim 1, Maekawa fails to teach or suggest a method that includes transmitting, by the server, a set of executable instructions to a client, where the set of executable instructions is an agent of a particular printer and are to be executed by that client to display a print status page. For at least the same reasons Claim 1 is patentable over Maekawa, so are Claim 7 and Claims 8-10 which depend from Claim 7.

Claim 11 is directed to, in a computing system that includes a computer connected to a printer, a method that includes:

a)   receiving, by the printer, a request from the computer;

b)   responding, by the printer, to the request by transmitting a set of executable instructions to the computer;

c)   wherein the set of executable instructions enables the computer to generate and to then transmit a print job to the printer;

d)   wherein the set of executable instructions further enables the computer to display a print status page while the printer is printing the print job;

e)   wherein the print status page indicates a present status of the print job while the printer prints the print job.

The Examiner provided the same explanation for Rejecting Claim 11 as he provided for Claim 1. As with Claim 1, Maekawa fails to teach or suggest a method that includes a printer transmitting a set of executable instructions to a computer

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where the set of executable instructions enables the computer to display a print status page while the printer is printing the print job. For at least the same reasons Claim 1 is patentable over Maekawa, so are Claim 11 and Claim 12 which depends from Claim 11.

Claim 13 is directed to a computer system that includes a printer and a client connected to the printer. Claim 13 recites that:

a)   wherein the printer is configured to provide the client with a set of executable instructions;

b)   wherein the set of instructions enables the client to display a print status page while the printer is printing a print job received from the client based upon dynamic input received by the client from the printer.

The Examiner provided the same explanation for Rejecting Claim 13 as he provided for Claim 1. As with Claim 1, Maekawa fails to teach or suggest a printer that is configured to provide a client with a set of executable instructions that enable the client to display a print status page while the printer is printing a print job received from the client based upon dynamic input received by the client from the printer. For at least the same reasons Claim 1 is patentable over Maekawa, so are Claims 14-18 which depend from Claim 13.

CLAIM REJECTIONS – 35 USC § 103

Claims 5, 6, 9, 16, and 18-23 were rejected under 35 U.S.C. §103(a) as being unpatentable over Maekawa.

Claims 5 and 6 depend from Claim 1. For at least the same reasons Claim 1 is patentable over Maekawa, so are Claims 5 and 6.

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Claim 9 depends from Claim 7. For at least the same reasons Claim 7 is patentable over Maekawa, so is Claim 9.

Claims 16 and 18 depend from Claim 13. For at least the same reasons Claim 13 is patentable over Maekawa, so are Claims 16 and 18.

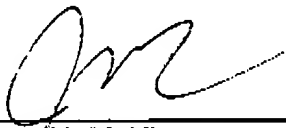**Claim 19** is directed to computer that includes:

a) an I/O port;

b) means for serving a set of executable instructions over the I/O port to a client device in response to receiving a request from the client;

c) wherein the set of executable instructions is an agent of a particular printer;

d) wherein the set of executable instructions enable the client to display a Web Page that indicates a status of a print job presently being printed by the printer.

The Examiner provided substantive explanation for rejecting Claim 19 beyond that which he provided from Claim 1. As with Claim 1, Maekawa fails to teach or suggest a computer that includes means for serving a set of executable instructions over an I/O port to a client device in response to receiving a request from the client where the set of executable instructions is an agent of a particular printer and enables the client to display a Web Page that indicates a status of a print job presently being printed by the printer. For at least this reason, claim 19 is patentable over Maekawa as are Claims 20-23 due at least in part to their dependence from Claim 1.

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Conclusion

In view of the foregoing remarks and amendments, Applicant respectfully submits that Claims 1 and 4-23 define allowable subject matter. The Examiner is requested to indicate the allowability of all claims in the application and to pass the application to issue.

Respectfully submitted,
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